

**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*

Docket Number (Optional)

15689.49.5

Application Number

10/673,658

Applicant(s)

Takehiro Nakamura, et al.

Filing Date

9/29/2003

Group Art Unit

2634

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KK	1	5,265,119	11/23/1993	Gilhousen et al.	375	1	5/17/1991

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
KK	2	0 681 406 A1	11/8/1995	Europe	H04Q7	24	✓	
KK	3	0 534 612 A2	3/31/1993	Europe	H04Q7	04	✓	
KK	4	0 490 554 A2	6/17/1992	Europe	H04Q7	04	✓	
KK	5	WO 97/07600	2/27/1997	WIPO	H04B7	005	✓	
KK	6	WO 96/27269	9/6/1996	WIPO	H04Q7	30	✓	

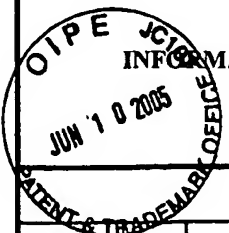
**OTHER DOCUMENTS***(Including Author, Title, Date, Pertinent Pages, Etc.)*


EXAMINER

/Kevin Kim/ (11/03/2006)

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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				Applicant(s) <b>Takehiro Nakamura, et al.</b>				
				Filing Date <b>9/29/2003</b>		Group Art Unit <b>2631</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
KK	1	5,497,395	3/5/1996	Jou	375	205	4/4/1994	
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
KK	2	EP 0748074 A2	12/11/1996	Europe	H04J13	02	✓	
KK	3	EP 0696113 A2	2/7/1996	Europe	H04B7	06	✓	
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)								
KK	4	Canadian Intellectual Property Office Application No.: 2,485,891						
EXAMINER				DATE CONSIDERED				
/Kevin Kim/ (11/03/2006)								

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				Applicant(s) <b>Takehiro Nakamura, et al.</b>			
				Filing Date <b>9/29/2003</b>		Group Art Unit <b>-</b>	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
KK	1	09-046311	2/14/1997	Japan	H04J3	00	✓	
KK	2	05-091079	4/9/1993	Japan	H04J3	12	✓	
KK	3	09-046275	2/14/1997	Japan	H04B3	04	✓	

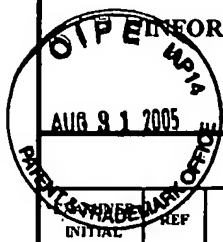
OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)
EXAMINER <b>KK</b>	REF <b>4</b>	Official Notice of Rejection Patent Application No.: 10-543752	

EXAMINER <b>/Kevin Kim/ (11/03/2006)</b>	DATE CONSIDERED
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Docket Number (Optional)

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Application Number

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**U.S. PATENT DOCUMENTS**

INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
KK	1	09-008770	1/10/1997	Japan	H04J13	04	✓	

**OTHER DOCUMENTS***(Including Author, Title, Date, Pertinent Pages, Etc.)*

KK	2	China Notification of the First Office Action Application No.: 2003101013301

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/Kevin Kim/ (11/03/2006)

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IDS - 05/11/2006 <b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	Docket number (Optional) <b>15689.49.5</b>	Application Number <b>10/673,658</b>
	Applicant(s) <b>Takehiro Nakamura et al.</b>	
	Filing Date <b>September 29, 2003</b>	Group Art Unit <b>2611</b>

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
KK	1	0 682 418 A2	05/12/1995	EPO	H0487	005	X	
KK	2	CN1126930	7/17/1996	China	H04B7	005	X	

EXAMINER /Kevin Kim/ (11/03/2006)	DATE CONSIDERED
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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>15689.49.5</b>		APPLICATION NO. <b>10/673,658</b>		
				APPLICANT(S) <b>Takehiro Nakamura et al.</b>				
				FILING DATE <b>September 29, 2003</b>		GROUP ART UNIT <b>2634</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
KK	7	EP 0 758 168 A1	2/12/1997	Europe	H04J13	04	✓	
KK	8	WO 95/31879	11/23/1995	WIPO	H04Q7	22	✓	
KK	9	EP 0652650 B1	5/10/1995	Europe	H04B7	26	✓	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
		10	Multirate Spread Spectrum Direct Sequence CDMA techniques XP 000570787 H. Azad, A.H.Aghvami 1994					
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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>15689.49.5</b>		SERIAL NO. <b>Unassigned</b>	
				Takehiro Nakamura et al.			
				FILING <b>September 29, 2003</b>		GROUP <b>Unassigned</b>	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KK		5,416,797	5/16/95	Gilhousen et al.	375	705	
KK		5,495,498	2/27/96	Tominaga et al.	375	200	
KK		5,309,474	05/03/94	Gilhousen et al.	375	1	
KK		5,479,397	12/26/95	W.C.Y. Lee	370	18	
KK		5,596,333	01/21/97	E.J. Bruckert	342	457	
KK		5,442,625	08/15/95	R.D. Gitlin et al.	370	18	
KK		5,596,601	1/21/97	Bar-David			
KK		5,604,766	2/18/97	Dohi et al.			
KK		5,673,260	9/30/97	Umeda et al.	370	342	
KK		5,802,110	9/1/98	Watanabe et al.	375	259	
KK		4,934,844	6/26/90				
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
KK		WO 95/12943	05/11/95	PCT			
KK		WO 97/50194	12/31/97	PCT			
KK		WO 97/02665	01/23/97	PCT			
KK		WO 95/35002	12/21/95	PCT			
KK		0 652 650 A2	10/31/94	EPO			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
		Tomohiro DOHI, et al., IEICE Trans. Commun., Vol. E79-B, No. 9, September 1996, "Experiments on Coherent Multicode DS-CDMA".					
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